

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael J. O'Phelan et al. Examiner: Unknown
Serial No.: Unknown Group Art Unit: Unknown
Filed: Herewith Docket: 279.094US3
Title: ELECTROLYTIC CAPACITOR AND MULTI-ANODIC ATTACHMENT

INFORMATION DISCLOSURE STATEMENT

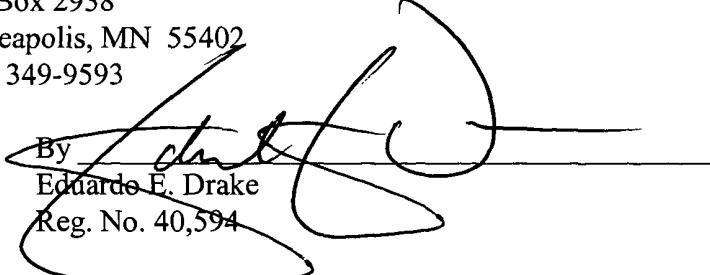
Mail Stop Patent Application
Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicants' prior U.S. application, Serial No. 09/884,864, filed on June 19, 2001, which is relied upon for an earlier filing date under 35 U.S.C. §120. The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,
MICHAEL J. O'PHELAN ET AL.
By their Representatives,
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 349-9593

Date 10 July 2003


By Edward E. Drake
Reg. No. 40,594

"Express Mail" mailing label number: EV332571237US

Date of Deposit: July 10, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known <table border="1"> <tr> <td>Application Number</td> <td>Unknown</td> </tr> <tr> <td>Filing Date</td> <td>Even Date Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>O'Phelan, Michael</td> </tr> <tr> <td>Group Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>					Application Number	Unknown	Filing Date	Even Date Herewith	First Named Inventor	O'Phelan, Michael	Group Art Unit	Unknown	Examiner Name	Unknown
Application Number	Unknown															
Filing Date	Even Date Herewith															
First Named Inventor	O'Phelan, Michael															
Group Art Unit	Unknown															
Examiner Name	Unknown															
Sheet 1 of 4		Attorney Docket No: 279.094US3														

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-3,398,333	08/20/1968	Zeppieri, D. J.	317	230	01/27/1966
	US-3,555,369	01/12/1971	Yoshino, et al.	317	230	01/06/1969
	US-3,654,523	04/04/1972	Markarian, M., et al.			
	US-3,659,615	05/02/1972	Enger, Carl C.	128	419P	06/08/1970
	US-3,765,956	10/16/1973	Li, C. H.	148	33	10/19/1971
	US-3,789,502	02/05/1974	Callins, H. T., et al.	29	570	06/05/1972
	US-3,918,460	11/11/1975	King, W. L., et al.	128	419 P	07/05/1974
	US-3,943,937	03/16/1976	King, W. L., et al.	128	419 P	07/05/1974
	US-4,041,955	08/16/1977	Kelly, F. L., et al.	128	419 P	01/29/1976
	US-4,041,956	08/16/1977	Purdy, D. L., et al.	128	419 P	02/17/1976
	US-4,136,435	01/30/1979	Li, C. H.	29	572	01/31/1977
	US-4,183,600	01/15/1980	Schroeder, W. W.	339	218 R	10/10/1978
	US-4,243,042	01/06/1981	Ware, L. A.	128	419 P	01/29/1979
	US-4,333,469	06/08/1982	Jeffcoat, K. W., et al.	128	419 F	07/20/1979
	US-4,371,406	02/01/1983	Li, C. H.	148	171	01/29/1979
	US-4,385,342	05/24/1983	Puppolo, H. F., et al.	361	433	05/12/1980
	US-4,395,305	07/26/1983	Whitman, A.	156	665	08/23/1982
	US-4,521,830	06/04/1985	Aultman, W. H., et al.	361	433	04/30/1984
	US-4,546,415	10/08/1985	Kent, T. A., et al.	361	433	03/27/1984
	US-4,663,824	05/12/1987	Kenmochi, K.	29	570	07/05/1984
	US-4,690,714	09/01/1987	Li, C. H.	437	208	01/31/1983
	US-4,692,147	09/08/1987	Duggan, S. R.	604	93	07/19/1985
	US-4,771,362	09/13/1988	Behn, R.	361	306	08/24/1987
	US-4,782,235	11/01/1988	Lejeune, C., et al.	250	423 R	10/01/1986
	US-4,907,130	03/06/1990	Boulloy, G., et al.	361	529	12/29/1988
	US-4,942,501	07/17/1990	MacFarlane, D., et al.	361	523	04/28/1988
	US-4,944,300	07/31/1990	Saksena, S.	128	419 D	01/12/1990
	US-4,987,519	01/22/1991	Hutchins, C. E., et al.	361	518	03/26/1990
	US-5,055,889	10/08/1991	Beall, J. M.	357	14	10/31/1989
	US-5,055,975	10/08/1991	Behrend	361	527	06/15/1990
	US-5,086,374	02/04/1992	MacFarlane, D., et al.	361	525	05/21/1990
	US-5,131,388	07/21/1992	Pless, B. D., et al.	128	419 D	03/14/1991
	US-5,146,391	09/08/1992	MacFarlane, D., et al.	361	525	11/03/1989
	US-5,153,820	10/06/1992	MacFarlane, D., et al.	361	525	11/26/1991
	US-5,245,499	09/14/1993	Senes, A.	361	56	07/12/1991
	US-5,275,621	01/04/1994	Mehra, R.	607	5	04/13/1992
	US-5,324,910	06/28/1994	Isawa, R.	219	118	08/28/1992
	US-5,370,663	12/06/1994	Lin, J. H.	607	5	08/12/1993
	US-5,380,341	01/10/1995	Matthews, M., et al.	29	25.03	09/27/1993
	US-5,439,760	08/08/1995	Howard, W. G., et al.	429	94	11/19/1993

EXAMINER

DATE CONSIDERED

Substitute for form 1449A/PTO		Complete if Known																													
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<table border="1"> <tr> <td>Application Number</td> <td colspan="4">Unknown</td> </tr> <tr> <td>Filing Date</td> <td colspan="4">Even Date Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td colspan="4">O'Phelan, Michael</td> </tr> <tr> <td>Group Art Unit</td> <td colspan="4">Unknown</td> </tr> <tr> <td>Examiner Name</td> <td colspan="4">Unknown</td> </tr> </table>					Application Number	Unknown				Filing Date	Even Date Herewith				First Named Inventor	O'Phelan, Michael				Group Art Unit	Unknown				Examiner Name	Unknown			
Application Number	Unknown																														
Filing Date	Even Date Herewith																														
First Named Inventor	O'Phelan, Michael																														
Group Art Unit	Unknown																														
Examiner Name	Unknown																														
Sheet 2 of 4		Attorney Docket No: 279.094US3																													

	US-5,456,698	10/10/1995	Byland, J. K., et al.	607	36	11/23/1993
	US-5,468,984	11/21/1995	Efland, T. R., et al.	257	356	11/02/1994
	US-5,500,534	03/19/1996	Robinson, D., et al.	250	385.1	03/31/1994
	US-5,522,851	06/04/1996	Fayram, T. A.	607	5	12/06/1994
	US-5,536,960	07/16/1996	Hayashi, F.	257	369	12/22/1994
	US-5,536,964	07/16/1996	Green, E. D., et al.	257	432	09/30/1994
	US-5,545,184	08/13/1996	Dougherty, J. P.	607	5	04/19/1995
	US-5,584,890	12/17/1996	MacFarlane, D., et al.	29	25.03	01/24/1995
	US-5,591,211	01/07/1997	Meltzer, M. J.	607	5	12/09/1994
	US-5,597,658	01/28/1997	Kejha, J. B.	429	94	02/28/1995
	US-5,628,801	05/13/1997	MacFarlane, D., et al.	29	25.03	05/02/1994
	US-5,642,252	06/24/1997	Sakamoto, K., et al.	361	93	08/15/1994
	US-5,660,737	08/26/1997	Elias, W. H., et al.	216	6	05/17/1995
	US-5,661,625	08/26/1997	Yang, T.	361	92	11/14/1995
	US-5,661,629	08/26/1997	MacFarlane, D., et al.	361	505	06/06/1995
	US-5,667,909	09/16/1997	Rodriguez, P., et al.	429	127	06/23/1995
	US-5,674,260	10/07/1997	Weinberg, A. H.	607	36	02/23/1996
	US-5,677,539	10/14/1997	Apotovsky, B., et al.	250	370.13	10/13/1995
	US-5,680,685	10/01/1997	Bischoff, W. P.	29	25.42	06/07/1995
	US-5,688,698	11/18/1997	Robinson, D., et al.	437	3	06/07/1995
	US-5,697,953	12/16/1997	Kroll, M. W., et al.	607	5	01/11/1996
	US-5,698,453	12/16/1997	Green, E. D., et al.	437	3	06/19/1996
	US-5,711,861	01/27/1998	Ward, W. K., et al.	204	403	11/22/1995
	US-5,711,988	01/27/1998	Tsai, K. C., et al.	427	80	01/23/1995
	US-5,728,594	03/17/1998	Efland, T. R., et al.	437	40	06/07/1995
	US-5,748,439	05/05/1998	MacFarlane, D., et al.	361	525	06/06/1995
	US-5,776,628	07/07/1998	Kraft, G. J., et al.	429	94	06/30/1997
	US-5,800,857	09/01/1998	Ahmad, N., et al.	427	80	03/30/1995
	US-5,808,857	09/15/1998	Stevens, J. I.	361	503	08/05/1997
	US-5,814,082	09/29/1998	Fayram, T. A., et al.	607	5	04/23/1997
	US-5,822,177	10/13/1998	Popp, T., et al.	361	508	07/11/1996
	US-5,837,995	11/17/1998	Chow, A. Y., et al.	250	214 LS	11/25/1996
	US-5,859,456	01/12/1999	Efland, T. R., et al.	257	335	09/09/1996
	US-5,867,363	02/02/1999	Tsai, K. C., et al.	361	502	03/30/1994
	US-5,895,416	04/20/1999	Barreras Sr., F., et al.	607	62	03/12/1997
	US-5,895,733	04/20/1999	Crespi, A. M., et al.	429	219	02/03/1997
	US-5,904,514	05/18/1999	Konuma, T., et al.	438	165	01/25/1996
	US-5,926,357	07/20/1999	Elias, W. H., et al.	361	302	06/16/1997
	US-5,930,109	07/27/1999	Fishler, M.G.			
	US-5,949,638	09/07/1999	Greenwood Jr., et al.	361	508	02/16/1999
	US-5,959,535	09/28/1999	Remsburg, R.	340	604	10/09/1997
	US-5,963,418	10/05/1999	Greenwood Jr., et al.	361	508	03/18/1998
	US-5,968,210	10/19/1999	Strange, T. F., et al.	29	25.03	11/12/1997

EXAMINER

DATE CONSIDERED

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>		<p style="margin: 0;">Complete if Known</p>				
		Application Number	Unknown			
		Filing Date	Even Date Herewith			
		First Named Inventor	O'Phelan, Michael			
		Group Art Unit	Unknown			
		Examiner Name	Unknown			
Sheet 3 of 4		Attorney Docket No: 279.094US3				

	US-5,980,977	11/09/1999	Deng, C. Z., et al.	427	79	12/09/1996
	US-5,983,472	11/16/1999	Fayram, T. A., et al.	29	25.42	11/12/1997
	US-6,006,133	12/21/1999	Lessar, J. F., et al.	607	5	06/24/1998
	US-6,009,348	12/28/1999	Rorvick, A. W., et al.	607	5	06/24/1998
	US-6,157,531	12/05/2000	Breyen, M. D., et al.	361	519	06/24/1998
	US-6,249,423	06/19/2001	O'Phelan, M.J. , et al.	361	502	04/21/1998

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-0753868	01/15/1997	Popp, T. , et al.	H01 G	9/012	
	EP-0851446	07/01/1998	Hidenori, U. , et al.	H01 G	9/055	
	WO-99/51301	10/14/1999	Rorvick, A. W., et al.	A61N	1/375	
	WO-99/51302	10/14/1999	Pignato, , et al.	A61N	1/375	
	WO-99/51303	10/14/1999	Breyen, , et al.	A61N	1/39	
	WO-99/66985	12/29/1999	Nutzman, , et al.	A61N	1/39	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹
	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	<u>Patent Abstracts of Japan, 15 (40)</u> , Publication No. 02276222 (U. Noriki),(Nov. 13, 1990),1 p.
	<u>Patent Abstracts of Japan, 16 (291)</u> , Publication No. 04074409 (A. Akiyoshi),(July 16, 1990),1 p.
	<u>Patent Abstracts of Japan, 1996 (6)</u> , Publication No. 08055762 (E. Akira),(Feb. 27, 1996),1 p.
	<u>Database WPI Abstract, XP-002126511, An- 1997-031410 (03)</u> , Publication No. JP 08293430, Derwent Publications Ltd., London, GB,(Nov. 5, 1996),1 p.
	<u>Patent Abstracts of Japan, 16 (134)</u> , Publication No. 03296207 (K. Kaname),(Dec. 26, 1991),1 p.
	<u>Patent Abstracts of Japan, 18 (3)</u> , Publication No. 05251283 (T. Fumiyasu),(Sept. 28, 1993),1 p.
	<u>Patent Abstracts of Japan, 97 (12)</u> , Publication No. 09219343 (I. Toshihiko),(Aug. 19, 1997),1 p.
	,, "Understanding Aluminum Electrolytic Capacitors", <u>United Chemi-Con</u> , (Date Unknown),7 p.
	JENKINS, et al., "Diagnosis of Atrial Fibrillation Using Electrogram from Chronic Leads: Evaluation of Computer Algorithm", <u>PACE</u> , 11, (1988),pp. 622-631
	LUNSMAN, P. , et al., "High Energy Density Capacitors for Implantable Defibrillators", <u>Proceedings of the 16th Capacitor and Resistor Technology Symposium</u> , Monteleone Hotel, New Orleans, Louisiana,(March 11-15, 1996),pp. 277-280

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		<i>Complete if Known</i>	
		Applicant Number	Unknown
		Filing Date	Even Date Herewith
		First Named Inventor	O'Phelan, Michael
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 4 of 4		Attorney Docket No: 279.094US3	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MORRIS, et al., "Intracardiac Electrogram Transformation: Morphometric Implications for Implantable Devices", <u>Journal of Electrocadiology</u> , <u>29</u> Supplement, (1996),pp. 124-129	
		MOYNIHAN, J. D., et al., "Theory, Design and Application of Electrolytic Capacitors", Copyright by John D. Moynihan,(1982),136 p.	
		SCHULLER, et al., "Far Field R-Wave Sensing - An Old Problem Repeating", <u>PACE</u> , <u>19</u> , Part II, NASPE Abstract No. 264,(1996),p. 631	
		STEPHANY, et al., "Real-Time Estimation of Magnitude-Square Coherence for Use in Implantable Devices", <u>IEEE Computers in Cardiology</u> , (1992),pp. 375-378	

EXAMINER

DATE CONSIDERED